

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	10/748,519
Filing Date	December 30, 2003
First Named Inventor	Ramgopal DAROLIA et al.
Art Unit	
Examiner Name	
Attorney Docket Number	128895

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)				
mm		US-	4,753,902	06/28/88	Ketcham	
		US-	5,180,696	01/19/93	Inoue	
		US-	5,350,599	09/27/94	Rigney et al	
		US-	5,384,200	01/04/95	Giles et al	
		US-	5,705,231	01/06/98	Nissley et al	
		US-	5,789,330	08/04/98	Kondo et al	
		US-	5,824,089	10/20/98	Rieger	
		US-	5,942,334	08/24/99	Wortman	
		US-	5,981,088	11/09/99	Bruce et al	
		US-	6,025,078	02/15/00	Rickerby et al	
		US-	6,054,184	04/25/00	Bruce et al	
		US-	6,117,560	09/12/00	Maloney	
		US-	6,123,997	09/26/00	Schaeffer et al	
		US-	6,183,884 B1	02/06/01	Rickerby	
		US-	6,284,325	09/04/01	Maloney	
		US-	6,319,614	11/20/01	Beele	
		US-	6,333,118	12/21/01	Alperine et al	
		US-	6,352,788 B1	03/03/02	Bruce	
		US-	6,387,526	05/14/02	Beele	
	mm		US-	6,395,381 B1	05/28/02	Kondo et al
		US-	6,465,090 B1	10/15/02	Stowell et al	
		US-	US2002/017283A1	11/21/02	Rigney et al	
		US-	US2003/0049470 A1	03/13/03	Maloney	
		US-	US2003/0059633 A1	03/27/03	Ackerman et al	
		US-	US2003/0224203A1	12/04/03	Bruce	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	T?
<i>mm</i>		HWANG et al., "Grain Size Control of Tetragonal Zirconia Polycrystals Using the Space Charge Concept", J. Am. Ceram. Soc., 1990, 73(11):3269-77	
<i>mm</i>		KIM, "Effect of Ta ₂ O ₅ , Nb ₂ O ₅ , and HfO ₂ Alloying on the Transformability of Y ₂ O ₃ -Stabilized Tetragonal ZrO ₂ ", J. Am. Ceram. Soc., 73(1):115-120	
<i>mm</i>		NAKAYAMA et al., "Effect of La ₂ O ₃ Addition on Thermal Stability of Y-TZP," J. Mat. Sci. Lett., 18:1339-41 (1999)	
<i>mm</i>		VASSEN et al., "Zirconates as New Materials for Thermal Barrier Coatings," J. Am. Ceram. Soc., 83(8):2023-28 (2000)	

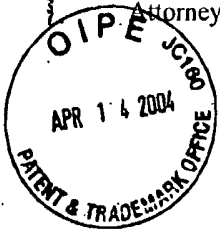
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11/27/04

Attorney Docket No.128895



COPENDING U.S. PATENT APPLICATIONS

Examiner Initial	Applicant(s)	Serial No.	Filing Date	Attorney Docket No.
<i>SW</i>	Gorman et al	10/748,516	12/30/03	127051
	Boutwell et al	10/748,517	12/30/03	127084
	Spitsberg et al.	10/748,508	12/30/03	129967
	Spitsberg et al	10/748,520	12/30/03	129968
	Spitsberg et al	10/748,521	12/30/03	130706
<i>SW</i>	Spitsberg et al	10/748,518	12/30/03	130707
<i>SW</i>	Spitsberg et al	10/748,513	12/30/03	143385